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WATKINS' CATALOG

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High-Grade Fruit Trees and Grape Vines

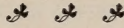


S. L. WATKINS

Grizzly Flats, Calif., U. S. A.

Catalog No. 3

Introduction



We take much pleasure in herewith handing to you our special catalog of high grade fruit trees and grape-vines. Owing to our business increasing to such an extent, we are compelled to issue several catalogs on the goods we grow, deal in, and import. We issue the following catalogs—all of which are sent to customers as fast as issued.

Catalog No. 1.—Watkins' Catalog of Novelties, of Seeds, Trees, Bulbs, and Plants, collected from all parts of the world, and from the world's leading growers; many choice novelties of our own originating are listed. These are all extremely valuable, and you will be delighted with them.

Catalog No. 2.—Watkins' Catalog of High Grade Berry Plants. We personally grow over 1,000 varieties of berries, and offer the largest and most complete collection of any dealer in the world. We have made more money out of berries than anything we ever attempted.

Catalog No. 3.—Watkins' Catalog of High Grade Fruit Trees and Grape-vines. The trees we offer are the best grown in the state.

Catalog No. 4.—Watkins' Catalog of High Grade Ornamental Trees, Shrubs, and Plants. Everything in this line; all first class.

Catalog No. 5.—Watkins' Catalog of High Grade Flowering Bulbs. Over 1,000 sorts; collected from every part of the world; many new and wonderful sorts, not offered by other dealers.

Catalog No. 6.—Watkins' Catalog of High Grade Vegetable, Field, and Flower Seeds. Mostly California grown. We are large growers of vegetable seeds, which possess higher germinating vitality than eastern or foreign grown seeds. Our business in seeds more than doubles every year, which shows we certainly deal in strictly first-class, fresh, and reliable seeds, true to name.

Catalog No. 7.—Watkins' Catalog of Books on Agriculture, Horticulture, Botany, Architecture, Field Sports, Horses, Cattle, Swine, Sheep, Bee Keeping, etc.; in fact, all books relating to rural subjects.

We want your trade. Send us a trial order and see what we can do for you.

Guarantee

We can not give any guarantee of any sort, as so many things go toward making a failure of crops; but we recognize that upon our customers receiving satisfaction depends our future prosperity. We try by all possible means to have everything true to name, and do all in our power to guard against mistakes, and to offer nothing but the finest-grown plants, trees, seeds, or bulbs, as the case may be. If, in any case, through mistake, a plant, seed, tree, or bulb proves untrue to name, we can not be held responsible for any sum greater than the original cost of the plant, seed, bulb, or tree, as the case may be. But if mistakes do occur, we will furnish new plants, seeds, bulbs, or trees free of cost to all persons, or refund their money. We believe this to be a fair agreement to all concerned.

Terms of Business

Terms cash, except by special agreement otherwise. All money orders should be made payable at Grizzly Flats, Cal. International money orders should be made payable at Placerville, Cal. When drafts are sent, try to have them on San Francisco or New York City banks, otherwise it costs us 25 cents to collect them.

S. L. WATKINS,

Grizzly Flats, Cal., U. S. A.

Fruit Trees

Fruit trees are very scarce and high priced. The ones we offer are strictly first class, all 4 to 6 feet in height, and with a fine root system. Our sales of fruit trees alone last year went over 100,000 trees. Please remember all trees must go by express or freight, purchaser paying charges.

APPLES

EARLY VARIETIES.

Price 30c each; \$2.50 per 10; \$20 per 100. Yellow, transparent, earliest apple known; ripening two weeks before the red astrachan. Very profitable for market.

Red Astrachan—Large, roundish; nearly covered with a deep crimson; very handsome, juicy, good, though rather acid; an early and abundant bearer. The best early apple. August.

Early Harvest—Medium size; pale yellow; tender, with a mild, fine flavor. Erect grower and good bearer. July.

Gravenstein—A large, striped, beautiful, roundish apple of first quality; juicy, high-flavored; a good grower and prolific bearer. August.

APPLES

WINTER VARIETIES.

Arkansas Black—Size $2\frac{1}{2}$ to 3 inches in diameter; round, regular, smooth, glossy, yellow where not covered with deep crimson, almost black; flesh very yellow, firm, fine-grained, juicy; flavor sub-acid, pleasant, rich. A long keeper.

Ben Davis (New York Pippin)—Large; handsome, striped, and of good quality; productive and late keeper. October and November.

Lady Apple—A very beautiful little fruit, with a bright vermilion cheek on a pale yellow ground; very ornamental for the dessert; flesh crisp, juicy, and pleasant. November to January.

Winesap—Medium size; skin smooth, dark red; flesh yellow, firm, crisp, with a rich, high flavor; a productive bearer. November to February.

Yellow Bellflower—A large, handsome, and excellent winter apple; skin smooth, pale lemon yellow, often with a blush next the sun; flesh tender, juicy, crisp, with a sprightly sub-acid flavor; one of the very best. November to February.

Yellow Newtown Pippin—Large, yellow, firm, crisp, juicy, with a very rich, high flavor. The best winter apple. January to March.

Rhode Island Greening—A great and constant bearer in almost all localities; fruit large, greenish yellow. October to December.

Mammoth Black Twig—A glowing red and yellow; large size, excellent flavor.

White Bellflower—Oblong, white, best quality.

Spitzenberg—Well known, brilliant red.

CRAB-APPLE

Transcendent—Medium; skin golden yellow with a crimson red cheek, when ripe the red covers nearly the whole surface. Flesh yellow, crisp, and when fully ripe, pleasant and agreeable. August and September.

PEAR TREES

4 to 6 feet, 30c each; \$2.75 per 10; \$25 per 100.

Bartlett—First on the list, and deservedly so. Large in size, irregular in form, with a blush on the sunny side, very juicy, buttery, and melting, with a rich, rather musky flavor. August.

Winter Nellis—Small; skin yellow; green, covered with russet. Flesh yellowish white, fine grained, buttery, very juicy. December.

Madeleine—Medium; skin pale, yellowish green. Flesh white, juicy, melting, with a sweet and delicate flavor, slightly perfumed. Middle of July.

Seckel—Small; skin yellowish, smooth russet, with a red cheek. Flesh whitish, buttery, very juicy, with a peculiar rich spicy flavor. September.

Beurre Easter—Large; skin yellow with a brownish, red cheek. Flesh rich and melting; excellent. November to January.

CHERRIES

4 to 6 feet, 30c each; \$2.50 per 10; \$20 per 100.

Baumann's May (Early Black Guigne)—Fruit rather small; deep, rich red, becoming rather dark when fully ripe; tender, juicy, sweet, and good.

Black Tartarian—Fruit of the largest size; bright, purplish black. Flesh purplish, thick, juicy, very rich and delicious. Tree a remarkably vigorous, erect, and beautiful grower and an immense bearer; the best of the black cherries.

Bing (new)—From Oregon; lately introduced. Fruit large, dark brown or black, very fine, late, a good shipping variety.

Napoleon Bigarreau (Royal Anne)—A magnificent cherry of the largest size; pale yellow, becoming amber in the shade, with a bright red cheek; flesh very firm, juicy, and sweet. Tree an enormous bearer.

PLUMS

4 to 6 feet, 25c each; \$2 per 10; \$18 per 100.

Cherry Plum—A very early, medium-sized plum; pale red, sweet, juicy, and sub-acid. June and July.

Clyman—Mottled reddish purple with beautiful blue; freestone; flesh firm, dry, and sweet; valuable for shipping on account of its extreme early ripening. June and July.

Sultan—Large, round; dark purple, covered with a thick bloom; flesh greenish yellow, firm, brisk and sweet, with a pleasant flavor. Ripens in August.

Green Gage—Small, but of the highest excellence; round; greenish yellow, with brown dots; very juicy and sweet. August.

Kelsey Japan—A distinct type of plums. Fruit very large; greenish yellow, covered with red on the sunny side; flesh very solid and firm when ripe; juicy, and with a rich, vinous flavor; pit very small. September.

Yellow Egg—A very large and beautiful egg-shaped yellow plum; flesh yellow, rather acid until very ripe, when it becomes sweet. August.

Bradshaw—Very large; dark violet red; juicy and good; fine early plum, adhering partially to the stone. July and August.

Burbank—Tree vigorous grower, with strong, upright shoots, large, broad leaves; bears early. Fruit very large, rich, cherry red slightly mottled with yellow; flesh deep yellow, juicy, very sweet; agreeable flavor. August.

PRUNES

4 to 6 feet, 30c each; \$2.50 per 10; \$20 per 100.

Fellenberg (Large German prune, Swiss prune, Italian prune)—Medium size, oval, dark purple; flesh juicy and delicious; parts from the stone; fine for drying.

French Prune (Petite d'Agen, Burgundy prune)—The well-known variety so extensively planted for drying; medium size, egg-shaped, violet purple, juicy, very sweet, rich, and sugary.

German Prune (common Quetsche)—Long, oval, and swollen on one side; skin purple, with a thick blue bloom; flesh firm, green, sweet, with a peculiar pleasant flavor; separates readily from the stone. September.

Golden Prune—Originated from seed of the Italian prune; somewhat larger than its parent; of light golden color, exquisite flavor, and dries beautifully.

Hungarian Prune (Grosse prune, Pond's Seedling)—Very large; dark red; juicy and sweet. Its large size, bright color, productiveness, and shipping qualities render it a profitable variety for home or distant market.

Robe de Sargent—Fruit medium size, oval; skin deep purple, approaching to black, and covered with a thick, blue bloom; flesh greenish yellow, sweet and well-flavored, sugary, rich and delicious, slightly adhering to the stone; a valuable drying and preserving variety.

Silver Prune—A seedling of Coe's Golden Drop, which it much resembles. It is entitled to rank with the best drying plums and prunes, because of its large size, handsome appearance, and superior flavor.

Tragedy Prune—A cross between the German prune and Duane Purple; medium size; skin dark purple; flesh yellowish green, very rich and sweet; frees readily from the pit. Its early ripening (in June) makes it very valuable as a shipping fruit.

PEACHES

4 to 6 feet, 30c each; \$2.50 per 10; \$20 per 100.

EARLY VARIETIES.

Briggs' May—Medium size, round; white skin, with red cheek; flesh white, melting, juicy and sweet; a valuable early variety.

Alexander—The best very early freestone; medium to large size; greenish white, nearly covered with a deep, rich red; very juicy, sweet, and of good quality.

Hale's Early—Raised in Ohio; medium size; flesh white, first quality.

Crawford's Early—A magnificent, large, yellow peach, of good quality.

MEDIUM SEASON VARIETIES.

Late Crawford—Large; yellow; delightful flavor, juicy and sweet; freestone.

Muir—Best canning and drying peach in the United States; flesh golden yellow, freestone.

Lemon Cling—Yellow with red cheek, oblong, fine.

Orange Cling—Large; a beautiful red and yellow color.

Strawberry Cling—Red and yellow, quite fine.

Strawberry Freestone—Very choice, red in color, slightly oblong.

LATE VARIETIES.

Salway—Large; yellowish in color, fine quality.

NECTARINES

35c each; \$2.75 per 10.

Boston—Bright yellow with red cheek.

Early Violet—Yellowish green, purple cheek.

New White—Beautiful white, delightful flavor.

APRICOTS

4 to 6 feet, 35c each; \$2.75 per 10; \$25 per 100.

Newcastle—Early apricot, large size, golden yellow, fine flavor, the earliest of all.

Sparks' Mammoth—A new apricot, originated in Ventura County, said to be of the largest size, larger than the Moorpark, and, being an annual bearer, excellent for drying and canning.

Royal—A standard variety; skin dull yellow, with an orange cheek; flesh pale orange, firm and juicy, with a rich, vinous flavor. July.

QUINCES

40c each; \$3.50 per 10.

Apple or Orange—Large, roundish, with short neck; fruit a beautiful bright golden yellow color; an old favorite sort. September.

FIGS

4-foot trees, 50c each; \$4.50 per 10; \$35 per 100.

California Black—The well known local variety; fruit large, dark purple, almost black when fully ripe; makes a good dried fig; tree grows to a very large size, and bears immense crops.

White Adriatic—The best dried figs have been produced from this variety; tree a strong and healthy grower; fruit above medium size; skin white and thin; pulp red, fine, exceedingly aromatic, and changes to an amber color when dried.

White Ischia—Small, pale greenish yellow; flesh purple, highly flavored and luscious; will ripen its fruit along the coast, where the finer varieties do not mature.

Nut Trees

ALMONDS

4 to 6 feet, 35c each; \$2.75 per 10; \$25 per 100.

Languedoc—A standard variety, nut large, shell thin, kernel sweet.

I. X. L.—Nuts large, hulls easily, shell soft, very prolific.

Ne Plus Ultra—Good grower, great bearer; nuts large, soft shell.

Nonpareil—Of the paper shell type, very good.

SOFT SHELL WALNUTS

4 foot trees, 75c each; \$6.00 per 10.

Præparturien (or Dwarf Prolific)—This is a dwarf-growing, early-bearing variety, which matures its growth well, not suffering, therefore, from early frosts; its leaves and blossoms appear about one month later in the spring than the common English walnut, and are consequently seldom, if ever, injured by late spring frosts.

Santa Barbara Soft Shell—A variety originating with Joseph Sexton, of Santa Barbara, Cal. The tree is a vigorous grower, an early and abundant bearer; the nut is large, the kernel white, sweet, and readily extracted, the shell being easily broken.

JAPAN WALNUT

Leaves of immense size; the nuts, which are produced in extreme abundance, grow in clusters of fifteen to twenty; the meat is sweet, of first quality, flavored like a butternut, but less oily and much superior. The tree is vigorous, hardy as an oak, matures early, bearing young and regularly. \$1.00 each.

CALIFORNIA BLACK WALNUT

A native sort which makes a surpassingly beautiful ornamental tree; yields enormous crops of hard shelled walnuts, of good size; these are excellent for home use, being better flavored than any other walnut known. 4 feet, 50c each; \$4.00 per 10.

PISTACHIO NUT (*Pistacia vera*)

\$1.25 each.

A small tree, producing a nut similar to the almond, but green and very delicious. A desirable table oil is also made from the nut. It is extensively cultivated in the south of Europe.

PECAN NUTS

Texas Giant—Seed only of this; a very large pecan, great yielder and possessing a very thin shell; seeds 5c each; 50c per 10; sure to grow; plant where you want the trees to grow.

Louisiana—Paper shell, rare and fine; 1 year trees. 15c each; \$1.00 per 10; \$8.00 per 100.

Chestnuts—75c each; \$6.00 per 10.

American—Sweet, well known.

Japanese Giant—These chestnuts weigh eight to the pound, very fine.

Filberts—\$1.00 each.

Fertile de Coutard—A very early and regular bearer.

Butternuts—Very fine. \$1.00 each.

OLIVES

3 foot trees, each 50c; \$4.00 per 10; \$35 per 100.

Mission Olive—Absolutely the very best, and succeeds everywhere; a very rapid and beautiful grower, fruit of good size, and produced in luxuriant abundance; fine for oil and pickling. We do not handle any but this one sort, as it possesses many superior points over all other olives. Tested in California, and is more largely grown to-day than all other sorts combined.

Prunus Simonii (Apricot Plum)—A most delightful fruit, large size, of a brick red color, and most deliciously flavored; a great shipper. 35c each; \$3.00 per 10; \$25 per 100.

THE STRAWBERRY GUAVA

Psidium Cattleianum (Weinw)—A shrub 10 to 12 feet high, evergreen, producing a heavy crop of dark purple fruit of the size of a walnut; flower small, white and fragrant; about as hardy as the orange, and a very ornamental plant for the conservatory in climates too cold for the profitable growing of its delicious fruit, which may be eaten out of hand, or with sugar and cream like strawberries; it makes the finest jelly known. \$1.00 each; seeds, 20c per packet.

COFFEA ARABICA, or COFFEE

The true Arabian Coffee Plant, native in the mountains of southwestern Abyssinia. This is a beautiful evergreen shrub, with waxy, shining, dark green foliage and sweet-scented white flowers disposed in axillary clusters which are succeeded by bright-red berries which contain the coffee kernels. A fine companion for the Tea Plant. Give ample room and plenty of water. Every one in Southern California should have at least one coffee shrub growing in their yard, for a curiosity if nothing more, though well worth growing for the beauty of foliage and flowers alone. If frozen down to the ground they sprout again from the roots, if they are planted deep, and are soon of good size. 50c each.

TRUE TEA PLANT

Camellia Thea.

This is the true Chinese Tea Plant, which makes a beautiful little evergreen pot shrub, covered with lovely single white flowers, each with a profusion of golden-tipped stamens. Truly beautiful as well as novel, and of the easiest cultivation. It is perfectly hardy throughout the Gulf States, where it makes fine hedges, and good tea may be prepared from its leaves. Nice pot-grown plants. 50c each.

THE PINEAPPLE

It was this delicious fruit a Huguenot priest described more than 300 years ago as being of such excellence that the gods might luxuriate upon it, and that it

should only be gathered by the hand of Venus. It is one of the most beautiful decorative plants imaginable, and is well worth growing on that account alone; but it will fruit in a greenhouse or a window; should be repotted frequently during the first year.

Red Spanish—The pineapple of commerce; ruddy yellow when ripe; sub-acid, sparkling. Price, 25c each.

Egyptian Queen—Very showy, of fine flavor, and most prolific, bearing more surely than any other sort; flavor something like that of a wild strawberry; rare. Price, 25c each.

Citrus Fruit Trees

ORANGE

Large-sized orange trees, boxed, 5 year bud on 3 year root, \$5.00 each.

Balled trees, 2 year buds on 3 year roots, \$1.50 each; per 10, \$12; per 100, \$100.

Naked roots (same age), \$1.40 each; per 10, \$11; per 100, \$90.

Jaffa—Fruit said by some to be unsurpassed, and said to command the highest price in the Paris market. Tree a strong grower and nearly thornless. In appearance one of the noblest of the citrus family.

Joppa—Of sweet and high flavor from the time it begins to color. Although capable of being picked early, it can also be left on the tree till May and June without deteriorating in quality. Large, seedless, fine-grained; tree thornless; vigorous, upright grower; early and prolific bearer.

Konah—Fruit very large and fine, rather thick skin; tree bears heavy crops when quite young.

Maltese Blood—A fancy orange; considered one of the best where it is largely planted; pulp a blood-red color when ripe. Very prolific; strong grower; thornless.

Mandarin—Medium size; flattened fruit, thin rind, with dark orange pulp; juicy and rich.

Mediterranean Sweet—Its great value consists in its being an early, prolific, and continuous bearer. Absolutely thornless; forming a beautiful round head. Can be planted fifteen feet apart, as it assumes a dwarfish habit. We consider it one of the most profitable varieties. Fruit medium size, slightly oblong; skin thin and tough; pulp rich color, juicy, melting, sub-acid and vinous; frequently seedless.

New Hybrid Orange (Oneco)—The hardiest orange in the world; medium size, flattened; rich dark yellow, very sweet, and good. 2 foot, \$1.50 each.

Parson Brown—Fruit medium size; shape round, and with very smooth skin; ripens early.

Ruby Blood—Medium to large; nearly round; fine texture and flavor; skin very thin and smooth, and partly covered with red; pulp ruby red.

Satsuma (Unshiu Oonshiu)—A native of Japan. The tree is perfectly thornless, and of dwarfish, slow growth. It is the most hardy of all orange trees. The fruit is medium-sized, flattened, deep orange color, with smooth skin, easily detached from pulp; fine-grained, tender, juicy, sweet, and delicious.

St. Michael—Size medium to small; round; thin skinned; sweet, melting, and good flavor; a great favorite in London market. Tree very prolific, and can be planted fifteen feet apart.

Tangerine—Of the Mandarin or China orange type; rather small; pulp separates readily from the skin, is very tender, rich and melting, spicy and aromatic.

The Selecta Orange—New, round, golden yellow fruit of extra quality. Each \$2.00, balled.

Valencia Late—One of the best varieties grown. The tree is not so precocious as some of the other budded sorts, which is somewhat to its advantage, enabling it to attain a proper size. The orange is very late in ripening, thus reaching the market when other varieties are gone, and thereby realizing the highest rates; large, oblong and firm.

Washington Navel—A variety received from the Agricultural Department in Washington, and supposed to be the true Bahia orange. Fruit very large, with smooth skin, and of excellent sweet flavor. This orange is now considered the finest cultivated in Southern California.

LEMONS

Eureka—An excellent variety, originated in Southern California; smooth and full of acid juice.

Genoa—Medium size, oval; sweet rind, thornless, and nearly seedless. Tree is of a dwarf habit; a good keeper; one of the best.

Lisbon—This variety has proved the hardiest with us. Fruit large, and full of acid juice.

Villa Franca—Highly flavored; skin very thin, and a heavy bearer; an excellent lemon for market and home use; quality of the very best; said to stand more cold than other varieties.

LIMES

Mexican—Size medium; skin smooth, very thin, light yellow; juice rich and abundant; acid, and very pleasant.

CITRON

Citrus Medica Cedra (The Citron)—This is the true citron of commerce, from which an essential oil is obtained. The rind, when cured, is known as "citron rind," or "succade."

GRAPE FRUIT OR POMELO

Triumph—Large and fine; seedless, of best quality. Prices the same as for lemons.

The Kin-Kan (Japan) or **Kum-Quat** (of China)—A variety of orange, the great merits of which are as yet comparatively unknown. The tree forms a medium-sized pyramid from 15 to 20 feet high, but can be trained into any shape desired. It is most to be recommended for its superior hardiness, 10 to 15 degrees above zero Fahrenheit will not injure it, and also for its early and profuse bearing capacity, the branches being literally covered with fruit. The fruit itself is oblong, of a bright golden yellow, like a medium-sized egg plum, the rind almost as thin as a cherry's, sweet and juicy; can be eaten

with the fruit; the pulp is juicy, subacid, very refreshing. It recommends itself mostly for crystallizing and preserving, but is also eaten fresh from the tree. Cut into halves, it is used in Japan during summer as an ingredient for all cooling drinks, to which it imparts a delicious flavor. As a plant for pot culture in the eastern climate it can not be too highly recommended, not being as tender as the other oranges. A small tree laden with the golden fruit is one of the greatest ornaments to window garden or conservatory, and those who buy the well-grown plants we offer will be greatly pleased with their experiment. Pot-grown trees, \$1.00 each.

Please note, we have a grade of citrus fruit trees about 2 feet in height, that we can send by mail, post-paid. These trees are finding great favor among our customers who live at a distance, and who only want a few trees. They are splendidly rooted, and budded on very young stock, which accounts for their small size. All of the leading varieties of oranges, lemons, limes, pomelos, at 75 cents each; \$6.50 per 10; by mail, post-paid.

BUD WOOD OF CITRUS TREES

Bud wood of everything listed here, but Oneco and Selecta oranges, at 25c per 10; \$1.50 per 100, and \$10 per 1,000, post-paid. This includes oranges, lemons, limes, pomelos, and citrons.

ORANGE SEED BED STOCK

For budding standard varieties of oranges upon sweet orange stock, does best for high, dry elevations. Per 1,000, \$20; per 10,000, \$150.

Sour orange stock, best adapted to low, wet soils. Per 1,000, \$20; per 10,000, \$150.

Citrus Trifoliata, or Japanese orange stock, a remarkable stock, and to be recommended highly for extreme frosty localities. Standard orange trees budded on this stock will stand 10 degrees more cold than on the sour or sweet stock, and will ripen their fruit two weeks earlier, this latter fact being of extreme importance as regards profit. Trees budded on citrus trifoliata do not attain as large a size as those on sweet or sour stock.

The citrus trifoliata without being budded is a magnificent ornamental plant, and will grow anywhere. It is a splendid hedge plant if kept trimmed back. The Florida orange growers now use this stock more extensively than the sweet or sour stock. Per 100, \$2.00; per 1,000, \$15; per 10,000, \$100; per 100,000, \$600.

Japanese Persimmons—Best sorts. 75c each.

Pomegranates (Spanish Ruby)—Very fine, succeeds well all over the Pacific Coast. \$1.00 each.

MULBERRY

6 foot trees, \$1.00 each.

Downing's Everbearing—Large fruit, of purplish black color; juicy, rich, sprightly and delicious. Tree a vigorous grower and very productive.

LOQUAT

4 foot, \$1.00 each.

An ornamental evergreen tree, with large dark green leaves, and bearing bunches of yellow fruit the size of a small plum, with a very rich, sugary, and

vinous flavor. Ripens in spring. We also offer a variety under the name of "Large Fruited," of which we keep in stock grafted plants. The fruit is as large as a crab-apple, having small seeds.

SELECT LIST OF GRAPEVINES

Owing to the enormous call for grapevines that we grow we have enlarged our stock, and now cultivate every sort known to commerce. We offer grapevines for all sections of the world, and can safely ship by mail in small quantities to any part of the United States or Canada. The prices given are as follows: In single and 10 lots all are prepaid; in 100 and 1,000 lots they go by freight or express, purchaser paying charges.

If you live at a great distance, and want a large lot of vines, we will prepay on these if they are purchased at the rate of 10 lots.

In California grapes can safely be planted from November 1 to April 1, according to the locality. In the east, spring planting is advisable. In planting, set vines 10 feet apart every way, unless for slow growing sorts, which should be set 8 feet apart. Make holes 15 inches deep and 2 feet in diameter. Trim the tops back to 2 or 3 buds before planting; also trim the roots back to 8 or 10 inches. Always keep the vines in a pail of water when setting, so as to keep them from drying out. In the spring prune back to 4 or 5 buds.

LIST OF FOREIGN GRAPES FOR TABLE, WINE, AND MARKET

STANDARD SORTS.

Malaga—Large white table grape, good for wine, also; deliciously flavored. Each, 15c; per 10, 50c; per 100, \$3.50; per 1,000, \$25.

Flaming Tokay—A very large, brilliant red grape, very superior for table and market. Each, 10c; per 10, 50c; per 100, \$3.50; per 1,000, \$25.

White Tokay—Large white, a splendid grape. Each, 15c; per 10, 60c.

Zinfandel—Black, small clusters; a choice wine grape. Each, 10c; per 10, 50c; per 100, \$3.50; per 1,000, \$25.

Muscat of Alexander—The celebrated raisin grape of California, also a most excellent table grape, whitish yellow, very large berries, superb flavor. Each, 10c; per 10, 50c; per 100, \$3.50; per 1,000, \$25.

Mission or California—Large black grape of the highest quality and flavor, the standard grape grown in California; for the table, market, and wine. Each, 10c; per 10, 50c; per 100, \$2.00; per 1,000, \$15. We offer over 200,000 vines of this sort for immediate planting.

White Mission—A showy White Mission grape. Each, 15c; per 10, 50c.

Black Hamburg—Large, compact bunches of jet black grapes; of most excellent quality. Each, 10c; per 10, 50c; per 100, \$3.50.

Black Malvoise—Large, long, black grapes; splendid table grapes. Each, 10c; per 10, 50c; per 100, \$3.50; per 1,000, \$25.

Black Morocco—Very large, rich and sweet. Each, 10c; per 10, 50c; per 100, \$3.50; per 1,000, \$25.

Bucklands Sweetwater—Clear, yellow, sweet and juicy; ripens very early. Each, 10c; per 10, 50c; per 100, \$3.50; per 1,000, \$25.

Canon Hall Muscat—Large, white, rich, musky grape. Each, 10c; per 10, 50c.

- Black Prince**—Large, jet black; very early; firm; most delightful flavor. Each, 10c; per 10, 50c; per 100, \$3.50.
- Isabella**—Rich musky flavor; purple black. Each, 10c; per 10, 50c; per 100, \$3.50.
- Pierce**—Flavor similar to the Isabella; a large and better type of the Isabella. Each, 15c; per 10, 60c.
- Black Ferrara**—Good table and wine grape. Each, 10c; per 10, 50c; per 100, \$3.50.
- Cornichon**—Purple black; fine table grape. Each, 10c; per 10, 50c; per 100, \$3.50.
- Emperor**—Large, jet black. Each, 10c; per 10, 50c.
- White Sweetwater**—Small, pale yellow; very early. Each, 10c; per 10, 50c.
- Golden Hamburg**—Yellowish white; fine. Each, 10c; per 10, 60c.
- Muscat Hamburg**—Cross between the Muscat and Hamburg, partaking of the good qualities of both. Each, 10c; per 10, 50c.
- Rose of Peru**—Brownish purple black. Each, 10c; per 10, 50c; per 100, \$3.50.
- Verdel**—Large early white grape for table use. Each, 10c; per 10, 50c; per 100, \$4.50.
- Johannisburg Reisling**—The grape that produces the celebrated Reisling wine. Each, 10c; per 10, 50c; per 100, \$4.50.
- Largo Bloom**—Fine for wine. Each, 10c; per 10, 50c; per 100, \$4.50.
- Bowood's Muscat**—A spicy flavored Muscat grape. Each, 10c; per 10, 50c.
- Royal Muscadine**—Fine for table use and wine. Each, 10c; per 10, 50c; per 100, \$3.50.
- Chasselas Neuschatel**—New; fine for table use. Each, 10c; per 10, 50c.
- Violet Rose**—A rare red table grape. Each, 15c.
- White Corinth**—Celebrated as producing the Zante currants of commerce. Each, 10c; per 10, 50c; per 100, \$4.00.
- Seedless Sultana**—The seedless raisin grape of commerce. Per 10, 50c; per 100, \$3.50.
- Early Silver Frontignon**—Beautiful white, early grape. Each, 20c; per 10, \$1.80.
- Golden Chasselas**—Golden colored berries, excellent for table use. Each, 25c.
- Purple Damascus**—Large purple berries. Each, 10c; per 10, 50c; per 100, \$3.50.
- Folle Blanche**—A foreign wine grape. Per 10, 50c; per 100, \$4.00.
- Large Chili Rose**—Large, rare, red grape. Each, 15c.
- Blue Muscat**—Berries blue, medium sized bunches, very early, ripen three weeks before Sweetwater. 25c each; \$2.00 per 10.
- Orange Flowered Muscat**—Very early; berries medium size, round, white, very highly flavored. 25c each; \$2.00 per 10.
- Red Muscat of Madera**—Highly flavored, dark rose red color. 15c each; \$1.25 per 10.
- Black Muscat of Alexander**—Same as the common Muscat except in color. 15c each; \$1.25 per 10.
- Huasco or Chilian**—Grape purple black, large. 10c each; 50c per 10.
- Fehr Zagos**—Large yellow grape; great yielders; fine for table use, raisins, and wine; 10c each; 60c per 10; \$3.50 per 100.

Hybrid Franc—A new and superior wine grape; the excellencies it possesses place it at the front at once. It is a medium sized black grape, compact bunches; enormous yielder, and it withstands the attack of the phylloxera successfully without being grafted. It makes a most superior wine. 25c each; \$2.00 per 10.

St. Pierre—Ripens a month before Sweetwater; berries oblong, white, finely flavored. 25c each; \$2.00 per 10.

Gros Colman—One of the largest grapes in existence; round; blue-black color; very handsome table grape, of best quality. 25c each; \$2.00 per 10.

Bona (Silk Grape)—This name comes from the peculiar soft feeling which the grape has when being eaten, and which is one of its chief merits. This is one of the earliest grapes known, and it bears successive crops until killed by frosts. Bunches and berries of medium size, most agreeable flavor; brilliant yellow in color. 25c each.

Petite Pedreaux (The Red-leaf Grape)—No finer arbor grape could be chosen than this fine sort. It has beautiful red leaves, and yields small compact bunches of light-red colored grapes, that are used to color wine with. 35c each.

Thompson's Seedless Sultana Grape—This is entirely distinct from the Sultana. The Seedless Sultana is a round grape, while the Thompson's Seedless is an oblong grape, much larger than the Sultana, and superior in every respect. The Thompson's Seedless is a rank, heavy grower, and an enormous cropper. The grapes are light green in color; large compact bunches, and yield salable grapes for at least a period of two months. They are the most superior grape known for canning, and later will be in universal demand for this purpose when better known. As a raisin grape they stand at the head of all other grapes. This grape should be pruned with long canes to have it bear at its best. It is also one of the very best grapes for table use. Thompson's Seedless is the Lady de Coverly grape of Europe, renamed Thompson's Seedless in California. 10c each; 75c per 10; \$3.00 per 100; \$20 per 1,000.

RESISTANT GRAFT STOCKS FOR GRAPES

In localities where phylloxera abounds the delicate Vinifera varieties of grapes must be grafted to ward off the attack of the phylloxera. We offer cuttings of the following:—

Vitis Riparia—Used as a stock to graft on, to ward off the phylloxera or French grape disease. Vitis Riparia stock is best for moist soil. Cuttings \$15 per 1,000.

Vitis Lenoir—Another resistant grape stock, which should be planted and afterwards grafted at the age of two, three, and four years. Cuttings not rooted, \$15 per 1,000; rooted cuttings, \$25 per 1,000.

Rupestris St. George—A resistant stock for dry soils. Cuttings \$15 per 1,000.

American Grapes

All varieties here 15c each; \$1.00 per 10; \$6.50 per 100, unless otherwise specified.

Agawam (Red)—Bunches medium to large; ripens with Concord; excellent quality.

August Giant (Black)—Bunch and berry large.

Barry (Black)—Large berry; fine quality.

Brighton (Red)—One of the finest red grapes.

Catawba (Red)—Musky, agreeable flavor.

Champion (Black)—Very early.

Cottage (Black)—Vigorous and productive.

Clinton (Black)—Hardy, vigorous and productive.

Concord—The grape for the million, the standard eastern grape; black; excellent quality.

Delaware—A most excellent red grape; quality superb.

Duchess (White)—Ripens with the Concord.

Eaton—Very large; black.

Ives (Black)—Very early and fine.

Jefferson—Very large; red.

Jewell (Black)—Very early.

Lindley (Red)—Berry large, early.

Moore's Early—Black; very early; one of the best of this class.

Moyer (Red)—A pistillate sort, should be planted near some other variety.

Niagara (White)—Immensely productive, a very popular sort.

Nectar—Entirely distinct in flavor from other grapes; black; very early.

Pocklington (White)—Of delicious flavor.

Poughkeepsie (Red)—Very superior quality.

Salem—Quality excellent; fine for table use.

Telegraph (Black)—Ripens early; good quality.

Wilder (Black)—Very fine.

Worden (Black)—The best black grape in general cultivation to-day; outsells all others in market.

Woodruff (Red)—Large, showy; fine quality.

Wyoming (Red)—A most excellent red grape.

Green Mountain or Winehell (White)—Early.

Early Ohio (Black)—A splendid grape.

Colerain (White)—A superior sort.

Rockwood—Deep black with a beautiful blue bloom; superb table grape.

Campbell's Early—Blue black; of enormous size and delightful flavor.

Moore's Diamond—White; very choice.

Brilliant—We can not begin to give this valuable grape too much praise. It is one of our earliest here; color between a rosy crimson and copper color; flavor rich, spicy, and delightful; a great cropper; berries medium size. 20c each; \$1.50 per 10.

Rommel—Large, yellowish white.

Beacon—Black; great favorite in the south.

America—Fine; black.

Big Hope—Dark red; excellent.

Fern Munsen—Dark purple; a fine grape.

Laussell—Dark purple.

Red Giant—Dark red; very large.

Elvicand—Dark red; flavor of a refreshing honeyed sweetness.

Neva—Dark purple; a wonderful grower.

Scuppernong—Large; brownish yellow; must be fertilized by a male Muscadine; the two vines must be sold together and planted close together. 50c for the two vines.

Island Belle—Very sweet; quality best; hardy, very prolific; ripens with Moore's Early; bunch and berry large, resembling Concord; color black. 30c each; \$2.50 per 10.

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